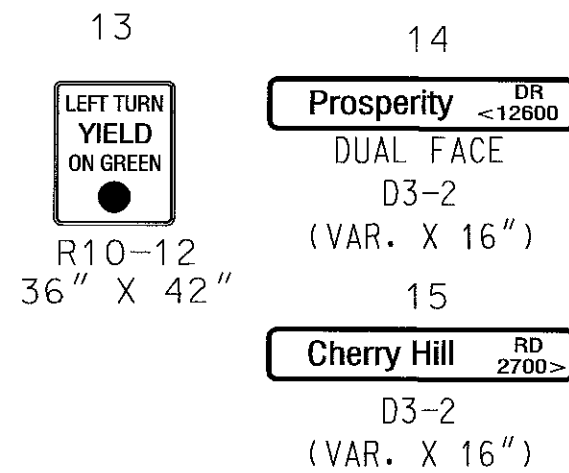
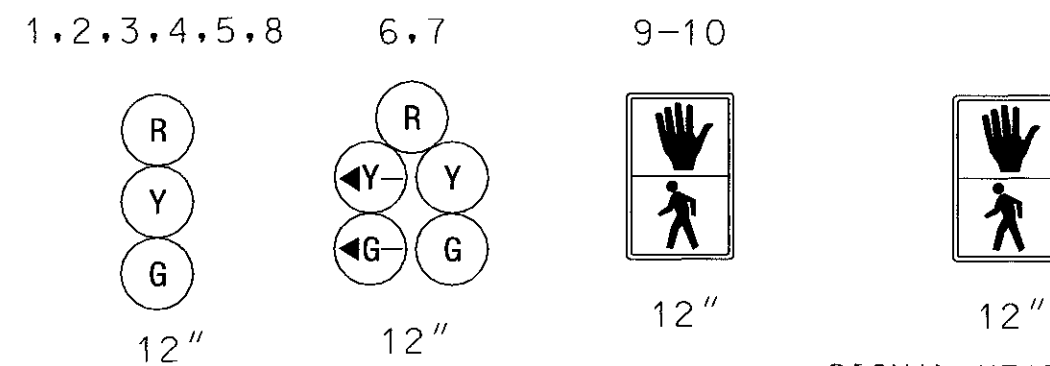


CHERRY HILL ROAD IS ASSUMED TO RUN IN EAST/WEST DIRECTION

PROPOSED SIGNS

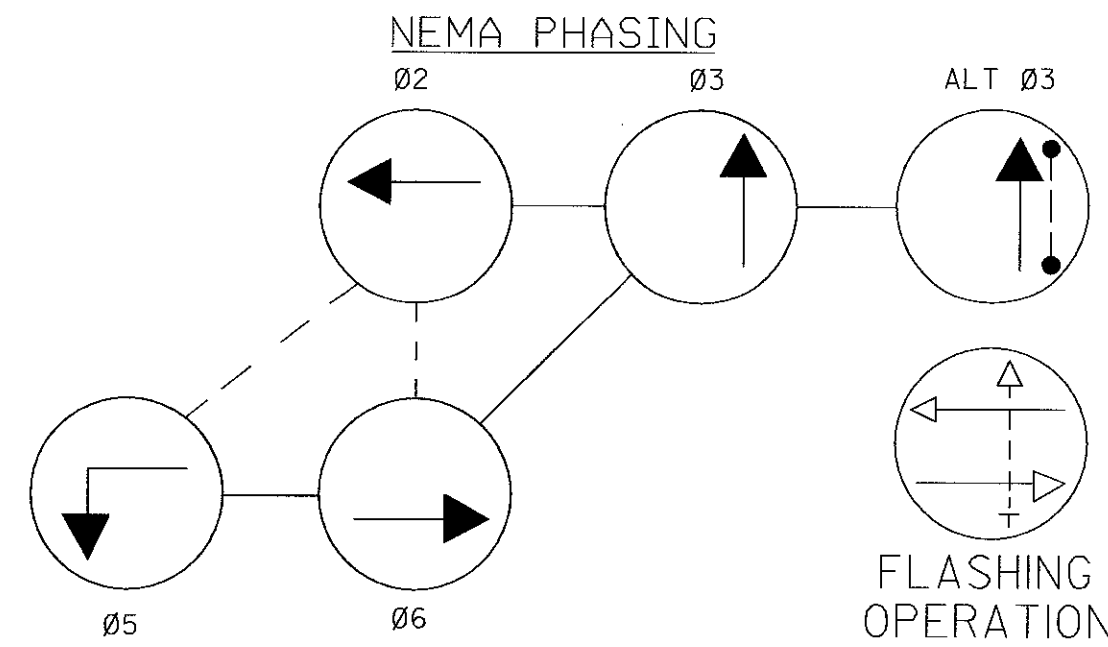


PROPOSED SIGNALS

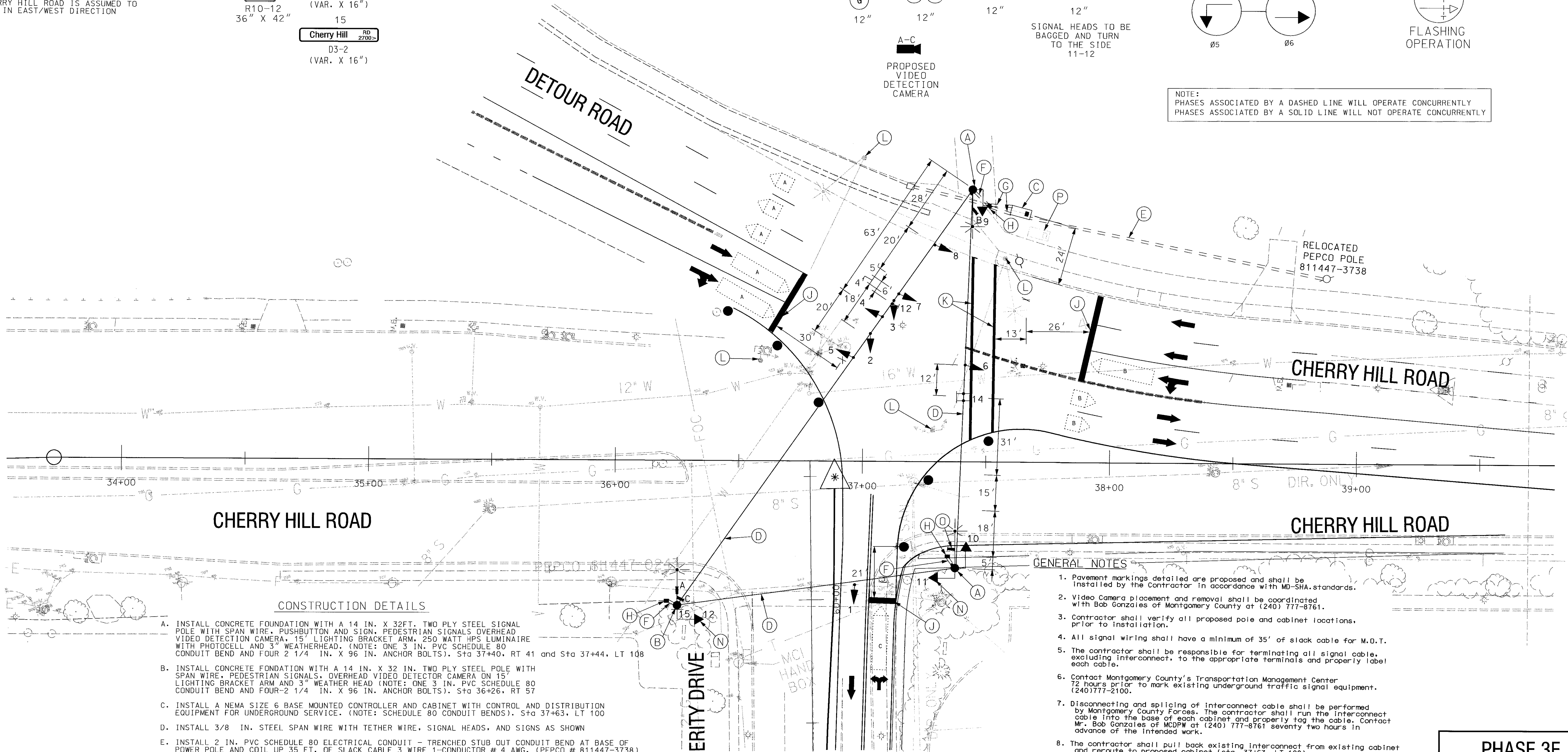


A-C
PROPOSED
VIDEO
DETECTION
CAMERA

12"
SIGNAL HEADS TO BE
BAGGED AND TURN
TO THE SIDE
11-12



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 14 IN. X 32 FT. TWO PLY STEEL SIGNAL POLE WITH SPAN WIRE, PUSHBUTTON AND SIGN, PEDESTRIAN SIGNALS OVERHEAD VIDEO DETECTION CAMERA, 15' LIGHTING BRACKET ARM, 250 WATT HPS LUMINAIRE WITH PHOTOCELL AND 3" WEATHERHEAD. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR 2 1/4 IN. X 96 IN. ANCHOR BOLTS). Sta 37+40, RT 41 and Sta 37+44, LT 108
- INSTALL CONCRETE FOUNDATION WITH A 14 IN. X 32 IN. TWO PLY STEEL POLE WITH SPAN WIRE, PEDESTRIAN SIGNALS, OVERHEAD VIDEO DETECTOR CAMERA ON 15' LIGHTING BRACKET ARM AND 3" WEATHERHEAD (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR 2 1/4 IN. X 96 IN. ANCHOR BOLTS). Sta 36+26, RT 57
- INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: SCHEDULE 80 CONDUIT BENDS). Sta 37+63, LT 100
- INSTALL 3/8 IN. STEEL SPAN WIRE WITH TETHER WIRE, SIGNAL HEADS, AND SIGNS AS SHOWN
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED STUB OUT CONDUIT BEND AT BASE OF POWER POLE AND COIL UP 35 FT. OF SLACK CABLE 3 WIRE 1-CONDUCTOR # 4 AWG. (PEPCO # 811447-3738)
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL HANDHOLE.
- INSTALL 24 IN. HEAT APPLIED, WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
- INSTALL 12 IN. HEAT APPLIED, WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.
- REMOVE MAST ARM (SINGLE OR TWIN) AND/OR PEDESTAL POLES AND BACKFILL 12" BELOW GRADE.
- THE CONTRACTOR SHALL BAG SIGNAL HEAD IN THIS PHASE TO BE UNBAGGED IN MOT PHASE IV..
- THE CONTRACTOR SHALL BAG PEDESTRIAN SIGNAL HEAD IN THIS PHASE TO BE UNBAGGED IN MOT PHASE IV.
- THE CONTRACTOR SHALL BAG VIDEO DETECTION CAMERA IN THIS PHASE TO BE UNBAGGED IN MOT PHASE IV.
- THE CONTRACTOR SHALL REMOVE CABINET, CONTROLLER AND FOUNDATION.

GENERAL NOTES

- Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with MD-SHA standards.
- Video Camera placement and removal shall be coordinated with Bob Gonzales of Montgomery County at (240) 777-8761.
- Contractor shall verify all proposed pole and cabinet locations, prior to installation.
- All signal wiring shall have a minimum of 35' of slack cable for M.O.T.
- The contractor shall be responsible for terminating all signal cable, excluding interconnect, to the appropriate terminals and properly label each cable.
- Contact Montgomery County's Transportation Management Center 72 hours prior to mark existing underground traffic signal equipment. (240)777-2100.
- Disconnecting and splicing of interconnect cable shall be performed by Montgomery County Forces. The contractor shall run the interconnect cable into the base of each cabinet and properly tag the cable. Contact Mr. Bob Gonzales of MCDPW at (240) 777-8761 seventy two hours in advance of the intended work.
- The contractor shall pull back existing interconnect from existing cabinet and reroute to proposed cabinet (sta. 37+63, LT 100)

PHASE 3E

R:\99-177\Task\401\DWG\MDOT\NOT SIGNALS\PHROSPERITY.DGN

GEOMETRIC LEGEND

PROPOSED
EXISTING

UTILITY LEGEND

SD - STORM DRAIN
G - GAS MAIN
W - WATER MAIN
S - SEWER MAIN
E - ELECTRIC CABLES
A - AERIAL CABLES
T - TELEPHONE CABLES
C-T - CABLE TV

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION ROCKVILLE, MARYLAND	
RECOMMENDED BY	CHIEF, TRANS. SYSTEM MANAGEMENT SECTION
REVIEWED BY	ENGINEERING SERVICES SPECIALIST DIV. OF TRAFFIC AND PARKING SERVICES
APPROVED BY	CHIEF, DIV. OF TRAFFIC AND PARKING SERVICES
SABRA, WANG & ASSOCIATES, INC. 1506 JOH AVENUE SUITE 100 BALTIMORE, MD 21227 WWW.SABRA-WANG.COM	

REVISIONS

Reconstruct signal due to interchange improvements

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TEMPORARY TRAFFIC SIGNAL PLAN

CHERRY HILL ROAD DETOUR AT PROSPERITY DRIVE

DRAWN BY: M. RAFFLE
CHECKED BY: [Signature]
SCALE: 1" = 20'
DATE: APRIL, 2002

F.A.P. NO.
S.H.A. NO. M08365170
COUNTY: MONTGOMERY
LOG MILE:

TS NO. 4116C
SHEET NO. F142
OF